

ABSTRACT OF THE DISCLOSURE

A vehicle air conditioner has an air conditioning case in which a rotary door is provided in an intersection between a cooled and a heated air passage, and a face and a foot blow-out opening. The communicating area ratio(s) between an inlet-side opening of the rotary door and the cooled air passage, the heated air passage, or both the cooled and heated air passages can change by rotating the rotary door, so that the rotary door serves as an air-mix door. In addition, the communicating area ratio(s) between an outlet-side opening and the face opening, the foot opening, or both the face and foot openings can change, so that the rotary door serves as a mode switching door. The conditioned air can be prevented from being blown out through the face and foot openings by rotating the rotary door to a predetermined position.